

STATE OF SOUTH CAROLINA

(Caption of Case)

**Monthly Fuel Cost Report and Base Load Power
Plant Performance Report**

**BEFORE THE
PUBLIC SERVICE COMMISSION
OF SOUTH CAROLINA**

COVER SHEET

DOCKET

NUMBER: 1989 - 9 - E

(Please type or print)

Submitted by: Catherine E. Heigel

SC Bar Number: 9268

Address: Duke Energy Corporation

Telephone: 704.382.8123

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Charlotte, NC 28201-1006

Other:

Email: Catherine.Heigel@duke-energy.com

NOTE: The cover sheet and information contained herein neither replaces nor supplements the filing and service of pleadings or other papers as required by law. This form is required for use by the Public Service Commission of South Carolina for the purpose of docketing and must be filled out completely.

DOCKETING INFORMATION (Check all that apply)

☐ **Emergency Relief demanded in petition** ☐ **Request for item to be placed on Commission's Agenda expeditiously**

☐ **Other:**

INDUSTRY (Check one)	NATURE OF ACTION (Check all that apply)			
<input checked="" type="checkbox"/> Electric	<input type="checkbox"/> Affidavit	<input type="checkbox"/> Letter	<input type="checkbox"/> Request	
<input type="checkbox"/> Electric/Gas	<input type="checkbox"/> Agreement	<input type="checkbox"/> Memorandum	<input type="checkbox"/> Request for Certificatio	
<input type="checkbox"/> Electric/Telecommunications	<input type="checkbox"/> Answer	<input type="checkbox"/> Motion	<input type="checkbox"/> Request for Investigator	
<input type="checkbox"/> Electric/Water	<input type="checkbox"/> Appellate Review	<input type="checkbox"/> Objection	<input type="checkbox"/> Resale Agreement	
<input type="checkbox"/> Electric/Water/Telecom.	<input type="checkbox"/> Application	<input type="checkbox"/> Petition	<input type="checkbox"/> Resale Amendment	
<input type="checkbox"/> Electric/Water/Sewer	<input type="checkbox"/> Brief	<input type="checkbox"/> Petition for Reconsideration	<input type="checkbox"/> Reservation Letter	
<input type="checkbox"/> Gas	<input type="checkbox"/> Certificate	<input type="checkbox"/> Petition for Rulemaking	<input type="checkbox"/> Response	
<input type="checkbox"/> Railroad	<input type="checkbox"/> Comments	<input type="checkbox"/> Petition for Rule to Show Cause	<input type="checkbox"/> Response to Discovery	
<input type="checkbox"/> Sewer	<input type="checkbox"/> Complaint	<input type="checkbox"/> Petition to Intervene	<input type="checkbox"/> Return to Petition	
<input type="checkbox"/> Telecommunications	<input type="checkbox"/> Consent Order	<input type="checkbox"/> Petition to Intervene Out of Time	<input type="checkbox"/> Stipulation	
<input type="checkbox"/> Transportation	<input type="checkbox"/> Discovery	<input type="checkbox"/> Prefiled Testimony	<input type="checkbox"/> Subpoena	
<input type="checkbox"/> Water	<input type="checkbox"/> Exhibit	<input type="checkbox"/> Promotion	<input type="checkbox"/> Tariff	
<input type="checkbox"/> Water/Sewer	<input type="checkbox"/> Expedited Consideration	<input type="checkbox"/> Proposed Order	<input type="checkbox"/> Other:	
<input type="checkbox"/> Administrative Matter	<input type="checkbox"/> Interconnection Agreement	<input type="checkbox"/> Protest		
<input type="checkbox"/> Other:	<input type="checkbox"/> Interconnection Amendment	<input type="checkbox"/> Publisher's Affidavit		
	<input type="checkbox"/> Late-Filed Exhibit	<input checked="" type="checkbox"/> Report		



DUKE ENERGY CAROLINAS, LLC
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June 24, 2009

Charles L. Terreni, Esquire
Chief Clerk and Administrator
The Public Service Commission of South Carolina
P. O. Drawer 11649
Columbia, South Carolina 29211

Re: Docket No. 1989-9-E

Dear Mr. Terreni:

Pursuant to the Commission's Orders in the above-captioned docket, enclosed for filing are copies of the following for Duke Energy Carolinas, LLC ("the Company"):

1. Monthly Fuel Cost Report for April 2009 (Exhibit A); and
2. Base Load Power Plant Performance Report for April 2009 (Exhibit B).

Also attached for filing are appropriate schedules for March 2009, which have been revised to reflect changes to events at Cliffside.

If you have any questions regarding this matter, please call me.

Sincerely,


Catherine E. Heigel

/sch

Enclosures

Copy: Office of Regulatory Staff
Dan Arnett, Chief of Staff
John Flitter
Jeff Nelson

South Carolina Energy Users Committee
Scott Elliott, Esquire

Exhibit A
Schedule 1

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SUMMARY OF MONTHLY FUEL REPORT

	April 2009
Fuel Expenses:	
1 Fuel and purchased power expenses included in fuel component	\$ 91,635,909
2 Less fuel expenses (in line 1) recovered through inter-system sales (a)	655,927
3 Total fuel expenses (line 1 minus line 2)	\$ 90,979,983
MWH sales:	
4 Total system sales	5,727,898
5 Less inter-system sales	12,806
6 Total sales less inter-system sales	5,715,092
7 Total fuel expenses (\$/KWH) (line 3/line 6)	1.5919
8 Current fuel component (\$/KWH)	2.2477
Generation Mix (MWH):	
Fossil (by primary fuel type):	
9 Coal	2,108,635
10 Fuel Oil	(1,110)
11 Natural Gas	735
12 Total fossil	2,108,260
13 Nuclear (b)	4,551,358
Hydro:	
14 Conventional	177,435
15 Pumped storage	(59,488)
16 Total hydro	117,947
17 Total MWH generation	6,777,565
18 Less: Catawba joint owners' retained portion	1,101,325
19 Adjusted total MWH generation	5,676,240
(a) Line 2 includes:	
Fuel from Intersystem Sales (Schedule 3)	564,893
Fuel in Loss Compensation	91,034
Total fuel recovered from Intersystem Sales	655,927
(b) Includes 100% of Catawba generation.	

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

	<u>April 2009</u>
Fuel expenses included in Base fuel Component:	
Steam Generation - FERC Account 501	
0501110 Coal Consumed - Steam	\$ 70,471,371
0501222 Test Fuel Consumed	-
0501310 Fuel Oil Consumed - Steam	129,381
0501330 Fuel Oil Light-Off - Steam	<u>752,262</u>
Total Steam Generation - Account 501	<u>71,353,014</u>
Environmental Costs	
0509000 Emission Allowance Expense	18,955
Reagents.	1,069,365
Emission Allowance Sales	<u>(3,553,500)</u>
Total Environmental Costs	<u>(2,465,180)</u>
Nuclear Generation - FERC Account 518	
0518100 Burnup of Owned Fuel	14,559,133
0518600 Nuclear Fuel Disposal Cost	<u>3,404,680</u>
Total Nuclear Generation - Account 518	<u>17,963,813</u>
Other Generation - FERC Account 547	
0547100 Natural Gas Consumed	105,395
0547200 Fuel Oil Consumed - CT	<u>2,834</u>
Total Other Generation - Account 547	<u>108,228</u>
Total fossil and nuclear fuel expenses included in Base Fuel Component	86,959,875
Fuel component of purchased and interchange power per Schedule 3, pages 1 and 2	<u>4,676,034</u>
Total fuel expenses included in Base Fuel Component	<u>\$ 91,635,909</u>

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
DETAILS OF FUEL AND PURCHASED POWER EXPENSES

	<u>April 2009</u>
Other fuel expenses not included in Base Fuel Component:	
0518610 Spent Fuel Canisters-Accrual	165,419
0518620 Canister Design Expense	8,840
0518700 Fuel Cycle Study Costs	57,109
Non-fuel component of purchased and interchanged power	<u>8,020,437</u>
Total other fuel expenses not included in Base Fuel Component	<u>\$ 8,251,805</u>
Total FERC Account 501 - Total Steam Generation	71,353,014
Total Environmental Costs	(2,465,180)
Total FERC Account 518 - Total Nuclear Generation	18,195,181
Total FERC Account 547 - Other Generation	108,228
Total Purchased and Interchanged Power Expenses	<u>12,696,471</u>
Total Fuel and Purchased Power Expenses	<u>\$ 99,887,714</u>

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
APRIL 2009

Schedule 3
SC, Purchases, Month
Page 1 of 3

Purchased Power	Total	Capacity		Non-Capacity		
Marketers, Utilities, Other	\$	MW	\$	MWH	Fuel \$	Non-Fuel \$
American Electric Power Serv Corp.	5,500	-	-	100	5,197	303
Blue Ridge Electric Membership Corp.	2,825,605	86	1,081,272	56,037	942,043	602,290
Cargill Power Marketers LLC	101,010	-	-	3,413	61,616	39,394
Constellation	49,744	-	-	1,552	30,344	19,400
Haywood Electric	398,150	20	200,300	6,883	120,688	77,162
Lockhart Power Co.	19,272	7	19,272	-	-	-
Merrill Lynch Commodities, Inc.	4,500	-	-	100	2,745	1,755
MISO	3,551	-	-	-	2,166	1,385
NCEMC load following	19,110	-	-	1,911	8,472	10,638
NCMPA #1	2,482,491	-	-	67,021	1,084,778	1,387,713
Piedmont Electric Membership Corp.	1,350,010	42	546,980	28,820	271,910	531,120
PJM Interconnection LLC	1,206,582	-	-	41,317	736,003	470,579
Rutherford Electric Membership Corp.	6,534	-	-	269	3,986	2,548
Southern	133,409	-	-	4,939	81,379	52,030
SPCO - Rowan	1,359,984	456	1,359,984	-	-	-
The Energy Authority	220,578	-	-	6,153	134,553	86,025
Town of Dallas	584	-	584	-	-	-
Town of Forest City	21,024	7	21,024	-	-	-
Generation Imbalance	28,341	-	-	2,290	34,755	(8,414)
Energy Imbalance	225,675	-	-	8,609	128,236	97,439
	<u>\$ 10,261,654</u>	<u>618</u>	<u>\$ 3,229,416</u>	<u>230,614</u>	<u>\$ 3,658,671</u>	<u>\$ 3,373,367</u>

DUKE ENERGY CAROLINAS
PURCHASED POWER AND INTERCHANGE
SOUTH CAROLINA
APRIL 2009

Schedule 3
SC, Purchases, Month
Page 2 of 3

Purchased Power	Total	Capacity		Non-Capacity		
	\$	MW	\$	MWH	Fuel \$	Non-Fuel \$
Cogen, Purpa, Small Power Producers						
Advantage Investment Group, LLC	163	-	-	5	-	163
AKS Real Estate Holdings LLC	15	-	-	-	-	15
Alamance Hydro, LLC	7,861	-	-	117	-	7,861
Andrews Truss, Inc.	44	-	-	1	-	44
Anna L. Reilly	24	-	-	-	-	24
Aquenergy Corp.	108,227	-	-	2,217	-	108,227
Barbara Ann Evans	2,704	-	-	77	-	2,704
Bruce Marotta	4	-	-	-	-	4
Byron P. Matthews	10	-	-	-	-	10
Catawba County	49,078	-	-	1,488	-	49,078
Cherokee County	3,441,682	258,517	-	54,408	1,886,972	1,296,193
Cliffside Mills LLC	14,335	-	-	234	-	14,335
Converse Energy	21,552	-	-	390	-	21,552
Dale Eamhardt Inc.	282	-	-	5	-	282
Dave K Birkhead	11	-	-	-	-	11
David A Ringenbun	32	-	-	1	-	32
David E. Shi	14	-	-	-	-	14
David M Thomas	34	-	-	1	-	34
David Wiener	14	-	-	-	-	14
Decision Support	154	-	-	3	-	154
Delta Products Corp.	140	-	-	3	-	140
Diann M. Barbacci	11	-	-	-	-	11
Everett L. Williams	5	-	-	-	-	5
Fogleman Construction, Inc	17	-	-	-	-	17
Frances L. Thomson	29	-	-	1	-	29
Gerald W. Melsner	23	-	-	1	-	23
Greenville Gas Producer, LLC	113,819	-	-	2,009	113,819	-
Gwenyth T Reid	20	-	-	-	-	20
Haneline Power, LLC	8,849	-	-	135	-	8,849
Haw River Hydro Co	29,695	-	-	860	-	29,695
Hayden-Harman Foundation	8	-	-	-	-	8
Hendrik J Rodenburg	21	-	-	-	-	21
HMS Holdings Limited Partnership	375	-	-	7	-	375
Holtzworth Holdings	12	-	-	-	-	12
Innovative Solar Solutions	23	-	-	1	-	23
Jefasa Farms	81	-	-	2	-	81
James B Sherman	19	-	-	-	-	19
Jerome Levit	7	-	-	-	-	7
Jody Fine	14	-	-	-	-	14
Joel L. Hager	24	-	-	1	-	24
John H. Diliberti	58	-	-	1	-	58
Linda Alexander	18	-	-	-	-	18
Mark A Powers	5	-	-	-	-	5
Matthew T. Ewers	15	-	-	-	-	15
Mayo Hydro	35,092	-	-	796	-	35,092
Mill Shoals Hydro	18,270	-	-	565	-	18,270
Northbrook Carolina Hydro	200,372	-	-	4,135	-	200,372
Optima Engineering	50	-	-	1	-	50
Pacifica HOA	34	-	-	1	-	34
Paul G. Kellar	23	-	-	-	-	23
Peizer Hydro Co.	94,286	-	-	1,678	-	94,286
Phillip B. Caldwell	15	-	-	-	-	15
Pickins Mill Hydro LLC	8,754	-	-	182	-	8,754
Pipkin Home Designs, Inc	16	-	-	-	-	16
PRS-PK Engines, LLC	247	-	-	5	-	247
R Lawrence Ashe Jr	20	-	-	1	-	20
Ron B Rozzelle	13	-	-	-	-	13
Rousch & Yates Racing Engines, LLC	395	-	-	8	-	395
Salem Energy Systems	125,611	-	-	2,635	-	125,611
Shawn Slome	9	-	-	-	-	9
South Yadkin Power	13,263	-	-	217	-	13,263
Spray Cotton Mills	13,772	-	-	343	-	13,772
Steve Mason Ent., Inc.	987	-	-	29	-	987
Steven Graf	29	-	-	1	-	29
Strates Inc	32	-	-	1	-	32
T.S. Designs, Inc.	47	-	-	1	-	47
The Rocket Shop, LLC	12	-	-	-	-	12
Thomas Knox Worde	15	-	-	-	-	15
Thomas W Bates	12	-	-	-	-	12
Town of Chapel Hill	22	-	-	1	-	22
Town of Lake Lure	34,110	-	-	1,040	-	34,110
W. Jefferson Holt	51	-	-	1	-	51
Walter C. McGervy	8	-	-	-	-	8
Yves Naar	25	-	-	1	-	25
Energy Imbalance	(43,099)	-	-	-	(71,597)	28,498
	\$ 4,303,021	-	\$ 258,517	73,620	\$ 1,929,194	\$ 2,115,310
TOTAL PURCHASED POWER	\$ 14,564,675	618	\$ 3,487,933	304,234	\$ 5,588,065	\$ 5,488,677
INTERCHANGES IN						
Other Catawba Joint Owners	4,532,791	-	-	486,896	2,100,896	2,431,895
Total Interchanges In	4,532,791	-	-	486,896	2,100,896	2,431,895
INTERCHANGES OUT						
Other Catawba Joint Owners	(6,317,007)	(866)	(129,880)	(652,877)	(2,937,945)	(3,249,182)
Catawba- Net Negative Generation	(93,988)	-	-	(4,494)	(74,982)	(9,006)
Total Interchanges Out	(6,400,995)	(866)	(129,880)	(657,371)	(3,012,927)	(3,258,188)
Net Purchases and Interchange Power before PCL	12,696,471	(248)	3,358,053	113,759	4,676,034	4,662,384
Purchased Capacity Levelization	39,865	-	39,865	-	-	-
Net Purchases and Interchange Power after PCL	12,736,336	(248)	3,397,918	113,759	4,676,034	4,662,384

DUKE ENERGY CAROLINAS
INTERSYSTEM SALES*
SOUTH CAROLINA FUEL FILING
APRIL 2009

Schedule 3
SC, Sales, Month
Page 3 of 3

	TOTAL CHARGES	CAPACITY		ENERGY		
		MW	\$	MWH	FUEL \$	NON-FUEL \$
SALES						
Utilities:						
SC Public Service Authority - Emergency	36,923	-	-	757	29,203	7,720
Market Based:						
Cargill-Alliant, LLC	\$ 660	-	\$ -	12	\$ 469	\$ 191
Cobb Electric Membership Corp	(375)	-	-	-	(1)	(374)
Constellation Power Sources	-	-	-	-	(55)	55
Merrill Lynch Commodities, Inc.	-	-	-	-	(149)	149
MISO	69,340	-	-	2,738	19,558	49,782
Morgan Stanley	-	-	-	-	(89)	89
NCEMC	5,351	-	-	117	(4,405)	9,756
NCEMC (Generator/Instantaneous)	397,469	50	337,500	1,166	50,500	9,469
NCMPA #1	218,347	50	211,000	144	(2,297)	9,644
NCMPA #1 - Rockingham	157,500	50	157,500	-	-	-
Oglethorpe	31,036	-	-	542	20,884	10,152
PJM Interconnection LLC	444,045	-	-	6,511	467,059	(23,014)
Power South Coop	1,300	-	-	25	1,016	284
SC Electric & Gas Market based	1,200	-	-	-	(424)	1,624
The Energy Authority	-	-	-	-	(1,557)	1,557
TVA	-	-	-	-	(50)	50
Other:						
Generation Imbalance	1,855	-	-	794	(14,769)	16,624
BPM Transmission	(89,945)	-	-	-	-	(89,945)
	<u>\$ 1,274,706</u>	<u>150</u>	<u>\$ 706,000</u>	<u>12,806</u>	<u>\$ 564,893</u>	<u>\$ 3,813</u>

* Sales for resale other than native load priority.

NOTE(S): Detail amounts may not add to totals shown due to rounding.

DUKE ENERGY CAROLINAS
SOUTH CAROLINA FILING
SC RETAIL COMPARISON OF FUEL REVENUES AND EXPENSES

Billing Period: October 2008 - September 2009
Current Month: April 2009

	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(ACTUAL)	(Estimate)	(Estimate)	(Estimate)	(Estimate)	(Estimate)
	Oct-08	Nov-08	Dec-08	Jan-09	Feb-09	Mar-09	Apr-09	May-09	Jun-09	Jul-09	Aug-09	Sep-09
1 South Carolina sales (MWH)	1,584,631	1,592,476	1,769,078	1,694,883	1,741,562	1,557,118	1,434,985	1,676,762	1,895,012	2,004,877	2,133,615	2,058,954
2 Fuel costs (Cents per KWH)	2.1747	2.5021	1.7732	1.9496	1.6142	1.7591	1.5919	2.4352	2.3421	2.4528	2.4381	2.1968
3 Fuel base (Cents per KWH)	2.2472	2.2471	2.2482	2.2486	2.2482	2.2482	2.2477	2.2625	2.2634	2.2641	2.2641	2.2639
4 Fuel cost incurred	\$34,460,970	\$39,845,342	\$31,369,291	\$33,043,439	\$28,112,294	\$27,391,263	\$22,843,526	\$40,832,508	\$44,383,076	\$49,175,623	\$52,019,667	\$45,231,101
5 Fuel cost billed	\$35,609,828	\$35,784,528	\$39,772,412	\$38,111,139	\$39,153,797	\$35,007,127	\$32,254,158	\$37,936,740	\$42,891,702	\$45,392,420	\$48,307,177	\$46,612,660
6 Over (Under) recovery (Line 5 - line 4 x constant tax factor of 1.0044)	\$1,153,912	(\$4,078,681)	\$8,440,095	\$5,089,997	\$11,090,087	\$7,649,374	\$9,452,041	(\$2,908,509)	(\$1,497,936)	(\$3,799,849)	(\$3,728,825)	\$1,387,638
7 Over (Under) recovery -- prior balance	\$12,158,806	\$12,265,701	\$8,540,390	\$15,839,969	\$20,536,344	\$30,951,135	\$38,069,266	\$47,015,459	\$44,106,950	\$42,609,014	\$38,809,165	\$35,080,340
8 Prior month correction/adjustment	(\$1,047,017)	\$353,370	(\$1,140,516)	(\$393,622)	(\$675,296)	(\$531,243)	(\$505,848)					
9 Cumulative over (under)	\$12,265,701	\$8,540,390	\$15,839,969	\$20,536,344	\$30,951,135	\$38,069,266	\$47,015,459	\$44,106,950	\$42,609,014	\$38,809,165	\$35,080,340	\$36,467,978

DUKE ENERGY CAROLINAS
FUEL COST REPORT
April 2009

Line No.	Description	(1) (B)	(2) (B)	(3) (B)	(4)	(5) (B)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)	(14)	(15)	Total
	Station	Belews Creek	Marshall	Allen	Riverbend	Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Oconee	McGuire	Catawba	Current Month
	Cost of Fuel Purchased(\$)																
1	Coal	62,681,375	39,489,345	13,066,759	2,116,520	14,134,736	10,598	1,720,987	1,514,408	-	-	-	-	-	-	-	134,734,725
2	Oil	336,224	328,201	247,018	-	80,864	-	88,989	-	-	-	-	-	-	-	-	1,079,296
3	Gas	-	-	-	(1,605)	-	350	372	2,026	-	4,333	(8,977)	108,895	-	-	-	105,394
4	Total	63,017,599	39,817,547	13,313,777	2,114,915	14,215,600	10,948	1,808,349	1,516,432	-	4,333	(8,977)	108,895	-	-	-	135,919,416
	Average Cost of Fuel as Purchased (CENTS/MBTU)																
5	Coal	382.48	326.87	387.80	304.43	325.80	-	379.66	287.32	-	-	-	-	-	-	-	355.94
6	Oil	1,108.16	1,099.98	1,052.28	-	1,106.94	-	1,060.14	-	-	-	-	-	-	-	-	1,088.41
7	Gas	-	-	-	INF.	-	INF.	INF.	303.29	-	INF.	(115.82)	925.27	-	-	-	522.06
8	Weighted Average	383.82	328.77	392.40	304.20	327.11	INF.	391.84	287.34	-	INF.	(115.82)	925.27	-	-	-	357.95
	Cost of Fuel Burned(\$)																
9	Coal (A) (D)	22,424,251	24,007,739	11,785,871	339,611	10,292,686	-	1,185,470	435,643	-	-	-	-	-	-	-	70,471,371
10	Oil	345,087	130,493	242,741	28,186	35,977	-	73,901	28,093	-	-	-	-	-	-	-	884,478
11	Gas	-	-	-	(1,605)	-	350	372	2,026	-	4,333	(8,977)	108,895	-	-	-	105,394
12	Nuclear (E) (F)	-	-	-	-	-	-	-	-	-	-	-	-	9,054,732	7,928,034	5,097,408	22,080,174
13	Total	22,769,338	24,138,232	12,028,711	368,192	10,328,663	350	1,259,743	465,762	-	4,333	(8,977)	108,895	9,054,732	7,928,034	5,097,408	93,541,417
14	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	4,116,360	4,116,360
15	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	981,048	89,425,056
	Average Cost of Fuel Burned (CENTS/MBTU)																
16	Coal	383.65	318.37	371.47	349.20	352.20	-	390.01	337.35	-	-	-	-	-	-	-	352.16
17	Oil	1,215.91	1,150.22	1,083.90	1,619.89	1,095.52	-	1,685.19	1,748.16	-	-	-	-	-	-	-	1,208.48
18	Gas	-	-	-	INF.	-	INF.	INF.	303.29	-	INF.	(115.82)	925.27	-	-	-	522.06
19	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	51.29	47.37	44.67	48.21
20	Weighted Average	387.67	319.62	376.47	369.92	353.03	INF.	408.49	354.43	-	INF.	(115.82)	925.27	51.29	47.37	44.67	141.93
	Average Cost of Fuel Burned (C) (CENTS/KWH Generated)																
21	Coal	3.54	2.98	3.68	4.34	3.43	(D)	4.22	4.51	(D)	(D)	-	-	-	-	-	3.34
22	Oil	INF.	INF.	INF.	(D)	INF.	(D)	(D)	(D)	(D)	(D)	-	-	-	-	-	(D)
23	Gas	-	-	-	INF.	-	INF.	INF.	(D)	-	INF.	(3.84)	19.69	-	-	-	14.34
24	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	0.52	0.48	0.45	0.49
25	Weighted Average	3.60	2.98	3.76	4.73	3.44	(D)	4.49	4.85	(D)	(D)	(3.84)	19.69	0.52	0.48	0.45	1.40
	MBTU's Burned																
26	Coal	5,845,044	7,540,883	3,172,762	97,253	2,922,407	-	303,955	129,135	-	-	-	-	-	-	-	20,011,438
27	Oil	28,381	11,345	22,395	1,740	3,284	-	4,438	1,607	-	-	-	-	-	-	-	73,189
28	Gas	-	-	-	-	-	-	-	668	-	-	7,751	11,769	-	-	-	20,188
29	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	17,654,443	16,737,948	11,410,838	45,803,229
30	Total	5,873,425	7,552,228	3,195,157	98,993	2,925,691	-	308,393	131,410	-	-	7,751	11,769	17,654,443	16,737,948	11,410,838	65,908,044
31	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	9,214,708	9,214,708
32	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	2,196,130	56,693,336
	Net Generation (MWH)																
33	Coal	632,659	811,035	320,171	7,832	299,990	(822)	28,107	9,863	-	-	-	-	-	-	-	2,108,635
34	Oil	-	-	-	(97)	-	(35)	(26)	(7)	(110)	(835)	-	-	-	-	-	(1,110)
35	Gas	-	-	-	-	-	-	-	(52)	-	-	234	553	-	-	-	735
36	Nuclear	-	-	-	-	-	-	-	-	-	-	-	-	1,756,601	1,665,795	1,128,982	4,551,358
37	Total	632,659	811,035	320,171	7,735	299,990	(857)	28,081	9,804	(110)	(835)	234	553	1,756,601	1,665,795	1,128,982	6,859,818
38	Less: Catawba joint owner's share	-	-	-	-	-	-	-	-	-	-	-	-	-	-	911,682	911,682
39	Adjusted total	-	-	-	-	-	-	-	-	-	-	-	-	-	-	217,280	5,747,936

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.

(B) These stations are steam generation only; therefore, gas is not applicable.

(C) CENTS/KWH not computed when net generation is negative.

(D) Cost of fuel burned excludes \$18,955 associated with emission allowance expense for the month.

(E) Cost of fuel burned excludes \$165,419 associated with canister accrual for the month.

(F) Cost of fuel burned excludes \$8,840 associated with canister design expense for the month.

Schedule 5

DUKE ENERGY CAROLINAS
FOSSIL FUEL CONSUMPTION AND INVENTORY REPORT
April 2009

Line No. Description	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	
	(B) Belews Creek	(B) Marshall	(B) Allen	Riverbend	(B) Cliffside	Dan River	Buck	Lee	Buzzard Roost	Lincoln	Mill Creek	Rockingham	Month Total
1 Location													
Coal Data (A):													
2 Tons received during period	663,508	485,273	138,213	28,630	176,351	-	19,144	21,482					1,532,602
3 Inventory adjustments	(1,303)	734	(337)	349	279	61	298	404					484
4 Tons burned during period	233,952	301,567	130,016	3,890	118,991	-	13,444	5,299					807,156
5 MBTU's burned per ton	24.98	25.01	24.40	25.00	24.56	-	22.61	24.37					24.79
Tons coal on hand:													
6 Beginning balance	742,600	951,952	567,783	292,954	348,063	113,266	216,507	207,170					3,440,295
7 Ending balance	1,170,854	1,138,393	575,643	318,043	405,702	113,327	222,505	223,758					4,166,225
8 Cost of ending inventory (\$ per ton)	95.95	79.55	90.71	87.24	86.43	89.07	88.07	82.07					87.81
Oil Data:													
9 Gallons received during period	219,593	215,845	169,627	-	53,000	-	59,666	-	-	-	-	-	717,731
10 Miscellaneous usage, transfers and adjustments	(13,135)	(18,413)	(5,849)	(1,594)	-	(1,396)	(1,096)	(694)	-	-	-	-	(42,177)
11 Gallons burned during period	205,409	82,071	161,827	12,583	23,826	-	32,271	12,214	-	-	-	-	530,201
Gallons oil on hand:													
12 Beginning balance	234,263	210,624	187,512	261,349	48,671	285,262	567,802	509,977	1,536,309	8,868,588	3,952,014	2,254,372	18,916,743
13 Ending balance	235,312	325,985	189,463	247,172	77,845	283,866	594,101	497,069	1,536,309	8,868,588	3,952,014	2,254,372	19,062,096
14 Cost of ending inventory (\$ per gallon)	1.68	1.59	1.50	2.24	1.52	2.45	2.29	2.30	0.79	1.60	1.25	2.34	1.61
Gas Data (C):													
15 MCF received during period				-		-	-	649	-	-	7,518	11,316	19,483
16 MCF burned during period				-		-	-	649	-	-	7,518	11,316	19,483
MCF gas on hand:													
17 Beginning balance													
18 Ending balance													
19 Cost of ending inventory (\$ per MCF)													

NOTE(S): Detail amounts may not add to totals shown due to rounding.

(A) Twelve months ended includes aerial survey adjustments made to coal inventory in Dec08, which are reflected in cost of coal consumed and tons of coal consumed.

(B) These stations are steam generation only; therefore, gas is not applicable.

(C) Gas is burned as received; therefore, inventory balances are not maintained.

Schedule 6

SCHEDULE 7

**DUKE ENERGY CAROLINAS
ANALYSIS OF COAL PURCHASES
APRIL 2009**

STATION	TYPE	QUANTITY OF TONS DELIVERED	DELIVERED COST	DELIVERED COST PER TON
ALLEN	SPOT	-	\$ 490.46	\$ -
	CONTRACT	138,213	12,862,022.70	93.06
	ADJUSTMENTS	-	204,245.97	-
	TOTAL	<u>138,213</u>	<u>13,066,759.13</u>	<u>94.54</u>
BELEWS CREEK	SPOT	-	19,149.86	-
	CONTRACT	663,508	61,475,216.42	92.65
	ADJUSTMENTS	-	1,187,008.26	-
	TOTAL	<u>663,508</u>	<u>62,681,374.54</u>	<u>94.47</u>
BUCK	SPOT	-	-	-
	CONTRACT	19,144	1,613,274.98	84.27
	ADJUSTMENTS	-	107,712.22	-
	TOTAL	<u>19,144</u>	<u>1,720,987.20</u>	<u>89.90</u>
CLIFFSIDE	SPOT	-	-	-
	CONTRACT	176,351	13,948,282.57	79.09
	ADJUSTMENTS	-	186,453.43	-
	TOTAL	<u>176,351</u>	<u>14,134,736.00</u>	<u>80.15</u>
DAN RIVER	SPOT	-	-	-
	CONTRACT	-	-	-
	ADJUSTMENTS	-	10,597.66	-
	TOTAL	<u>-</u>	<u>10,597.66</u>	<u>-</u>
LEE	SPOT	-	-	-
	CONTRACT	21,482	1,478,603.19	22.92
	ADJUSTMENTS	-	35,802.46	-
	TOTAL	<u>21,482</u>	<u>1,514,405.65</u>	<u>70.49</u>
MARSHALL	SPOT	-	1,497.37	-
	CONTRACT	485,273	38,491,083.98	79.32
	ADJUSTMENTS	-	996,763.67	-
	TOTAL	<u>485,273</u>	<u>39,489,345.02</u>	<u>81.38</u>
RIVERBEND	SPOT	-	-	-
	CONTRACT	28,630	2,110,218.93	73.71
	ADJUSTMENTS	-	6,301.22	-
	TOTAL	<u>28,630</u>	<u>2,116,520.15</u>	<u>73.93</u>
ALL PLANTS	SPOT	-	21,137.69	-
	CONTRACT	1,532,602	131,978,702.77	86.11
	ADJUSTMENTS	-	2,734,884.89	-
	TOTAL	<u>1,532,602</u>	<u>\$ 134,734,725.35</u>	<u>\$ 87.91</u>

SCHEDULE 8

**Duke Energy Carolinas
Analysis of Quality of Coal Received
April 2009**

Station	<u>Percent Moisture</u>	<u>Percent Ash</u>	<u>Heat Value</u>	<u>Percent Sulfur</u>
Allen	7.08	11.07	12,189.00	0.76
Belews Creek	6.49	11.22	12,350.00	1.01
Buck	7.09	12.90	11,839.00	0.67
Cliffside	7.06	10.53	12,301.00	0.98
Dan River	-	-	-	-
Lee	6.58	11.51	12,268.00	0.96
Marshall	6.53	11.12	12,448.00	1.43
Riverbend	7.52	11.65	12,142.00	0.91

Schedule 9

Duke Energy Carolinas
Analysis of Cost of Oil Purchases
April 2009

Station	Allen	Belews Creek	Buck	Cliffside 5	Marshall
Vendor	HighTowers	HighTowers	HighTowers	HighTowers	HighTowers
Spot / Contract	Contract	Contract	Contract	Contract	Contract
Sulfur Content %	0.02	0.01	0.04	0	0.02
Gallons Received	169,627	219,593	59,666	53,000	215,845
Total Delivered Cost	\$ 247,017.73	\$ 336,224.10	\$ 86,989.36	\$ 80,863.74	\$ 328,201.49
Delivered Cost/Gal	\$ 1.4562	\$ 1.5311	\$ 1.4579	\$ 1.5257	\$ 1.5205
Delivered Cost/MBTU	\$ 10.5230	\$ 11.0818	\$ 10.6017	\$ 11.0689	\$ 10.9999
BTU/Gallon	138,387	138,166	137,519	137,840	138,233

Schedule 9

DUKE ENERGY CAROLINAS
POWER PLANT PERFORMANCE DATA
TWELVE MONTHS SUMMARY

May,2008 - April,2009

<u>Plant Name</u>	<u>Generation MWH</u>	<u>Capacity Rating MW</u>	<u>Capacity Factor %</u>	<u>Net Equivalent Availability %</u>
Oconee	20,690,182	2,538	93.06	91.13
McGuire	18,399,384	2,200	95.47	91.84
Catawba	17,653,770	2,258	89.25	87.04

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
May 2008 through April 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Belews Creek 1	8,077,247	1,120	82.30	87.28
Belews Creek 2	8,020,836	1,120	81.72	89.03

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary
May 2008 through April 2009
Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	3,505,184	562	71.20	89.15
Marshall 1	2,458,410	380	73.85	94.97
Marshall 2	2,182,604	380	65.57	92.02
Marshall 3	3,702,633	658	64.24	70.63
Marshall 4	4,232,840	660	73.21	82.85

**Duke Energy Carolinas
Power Plant Performance Data**

Schedule 10

Page 4 of 6

**Twelve Month Summary
May 2008through April 2009**

Other Cycling Coal Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Operating Availability (%)
Allen 1	611,981	165	42.34	83.81
Allen 2	659,594	165	45.63	93.06
Allen 3	1,405,569	265	60.55	94.51
Allen 4	1,513,966	280	61.72	90.65
Allen 5	1,466,201	270	61.99	91.07
Buck 3	65,761	75	10.01	92.23
Buck 4	47,327	38	14.22	95.52
Buck 5	421,521	128	37.59	90.09
Buck 6	453,313	128	40.43	85.01
Cliffside 1	29,564	38	8.88	82.83
Cliffside 2	12,111	38	3.64	74.95
Cliffside 3	87,907	61	16.45	85.60
Cliffside 4	97,761	61	18.29	91.55
Dan River 1	98,995	67	16.87	93.63
Dan River 2	108,728	67	18.53	92.32
Dan River 3	412,752	142	33.18	89.18
Lee 1	231,084	100	26.38	89.39
Lee 2	284,570	100	32.49	95.97
Lee 3	247,325	170	16.61	59.67
Riverbend 4	253,424	94	30.78	93.68
Riverbend 5	237,939	94	28.90	93.42
Riverbend 6	393,789	133	33.80	87.14
Riverbend 7	408,485	133	35.06	90.40

Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary

May,2008 through April,2009

Schedule 10

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Combustion Turbines

Station Name	Net Generation (mWh)	Capacity Rating (mW)	Operating Availability (%)
Buck CT	-226	93	95.53
Buzzard Roost CT	-959	196	98.94
Dan River CT	-146	85	88.35
Lee CT	21,726	82	98.29
Lincoln CT	52,723	1,264	96.32
Mill Creek CT	34,270	592	95.56
Riverbend CT	-941	120	89.30
Rockingham CT	186,693	825	94.43

Duke Energy Carolinas

Power Plant Performance

12 Months Ended APRIL 2009

Schedule 10

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Name of Plant	Generation (MWH)	Capacity Rating (MW)	Operating Availability (%)
Conventional Hydro Plants			
Bridgewater	34,106	23.000	95.42
Buzzard Roost	-	-	100.00
Cedar Creek	93,498	45.000	92.08
Cowans Ford	85,122	325.000	95.85
Dearborn	112,590	42.000	90.92
Fishing Creek	97,947	49.000	92.61
Gaston Shoals	11,868	4.600	70.59
Great Falls	1,182	24.000	42.79
Keowee	16,477	157.500	97.71
Lookout Shoals	56,548	27.000	96.03
Mountain Island	61,545	62.000	97.00
Ninety Nine Island	38,321	18.000	62.49
Oxford	64,619	40.000	98.00
Rhodhiss	38,917	30.500	97.55
Rocky Creek	3,482	28.000	32.10
Tuxedo	10,383	6.400	73.24
Wateree	148,460	85.000	95.15
Wylie	90,993	72.000	96.55
Nantahala	173,854	50.000	74.15
Queens Creek	2,173	1.440	95.98
Thorpe	47,595	19.700	98.68
Tuckasegee	4,065	2.500	98.68
Tennessee Creek	26,198	9.800	93.30
Bear Creek	18,440	9.450	94.88
Cedar Cliff	13,188	6.380	94.88
Mission	1,413	1.800	88.71
Franklin	(8)	1.040	83.56
Bryson	584	1.040	66.39
Dillsboro	-	0.230	50.00
Total Conventional	<u>1,253,559</u>		
Pumped Storage Plants			
Jocassee	994,455	730.000	96.91
Bad Creek	2,296,526	1,360.000	94.75
Total	<u>3,290,981</u>		
Less Energy for Pumping			
Jocassee	(1,307,249)		
Bad Creek	(2,899,305)		
Total	<u>(4,206,554)</u>		
Total Pumped Storage			
Jocassee	(312,794)		
Bad Creek	(602,779)		
Total	<u>(915,573)</u>		

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN

PERIOD: April, 2009

PLANT	UNIT	DATE OF OUTAGE	DURATION OF OUTAGE	SCHEDULED / UNSCHEDULED	CAUSE OF OUTAGE	REASON OUTAGE OCCURRED	REMEDIAL ACTION TAKEN
Oconee	1	None					
	2	None					
	3	04/24/2009-05/01/2009	144.08	SCHEDULED	END-OF-CYCLE 24 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
McGuire	1	None					
	2	None					
Catawba	1	None					
	2	03/07/2009-04/17/2009	388.95	SCHEDULED	END-OF-CYCLE 16 REFUELING OUTAGE	REFUEL AND MAINTENANCE	REFUEL AND MAINTENANCE
		04/17/2009-04/18/2009	40.48	UNSCHEDULED	OUTAGE DELAYED 1.69 DAYS DUE TO ALLOY 600 MITIGATION	ISSUES WITH THE WELDABILITY OF THE STAINLESS BASE METAL	REMOVED WELD OVERLAY MATERIAL AND STAINLESS STEEL BUFFER LAYER
		04/19/2009-04/19/2009	2.08	SCHEDULED	MAIN TURBINE OVERSPEED TRIP TEST	POST REFUEL TESTING	POST REFUEL TESTING

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

**Exhibit B
Page 2 of 16**

April 2009

Belews Creek Steam Station

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
01	3/20/2009 4:57:00 PM To	Sch	4230 LP TURBINE ROTOR SHAFT	l.p turbine	

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	4/7/2009 4:24:00 PM To 4/9/2009 5:42:00 AM	Unsch	1080 ECONOMIZER LEAKS	econ. tube leak	

Unit	Duration of Outage	Type of Outage	Cause of Outage	Reason Outage Occurred	Remedial Action Taken
02	4/10/2009 3:23:00 AM To 4/11/2009 4:00:00 PM	Unsch	1080 ECONOMIZER LEAKS	economizer tube leak	

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April, 2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	720		720		720	
(C1) Net Gen (MWH) and Capacity Factor	621702	102.07	632191	103.79	502708	82.53
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00	121892	20.01
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	238	0.04	0	0.00	-15480	-2.54
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-12820	-2.11	-23071	-3.79	0	0.00
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	609120	100.00 %	609120	100.00 %	609120	100.00 %
(I) Equivalent Availability		99.88		100.00		79.85
(J) Output Factor		102.07		103.79		103.18
(K) Heat Rate		10,134		9,979		10,036

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April, 2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	720		720	
(C1) Net Gen (MWH) and Capacity Factor	832272	105.08	833523	105.24
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	231	0.03
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-40272	-5.08	-41754	-5.27
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	792000	100.00 %	792000	100.00 %
(I) Equivalent Availability		100.00		99.97
(J) Output Factor		105.08		105.24
(K) Heat Rate		10,061		10,035

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
April, 2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	720		720	
(C1) Net Gen (MWH) and Capacity Factor	832925	102.47	296037	36.42
(D1) Net MWH Not Gen Due To Full Scheduled Outages	0	0.00	441473	54.31
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	0	0.00	29733	3.66
(E1) Net MWH Not Gen Due To Full Forced Outages	0	0.00	45702	5.62
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-20045	-2.47	-65	-0.01
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	812880	100.00 %	812880	100.00 %
(I) Equivalent Availability		100.00		36.33
(J) Output Factor		102.47		90.89
(K) Heat Rate		10,029		10,328

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

Exhibit B
Page 6 of 16

April 2009

Belews Creek Steam Station

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,110	1,110
(B) Period Hrs	720	720
(C1) Net Generation (mWh)	-10,122	642,781
(C1) Capacity Factor	0.00	80.43
(D1) Net mWh Not Generated due to Full Scheduled Outages	799,200	0
(D1) Scheduled Outages: percent of Period Hrs	100.00	0.00
(D2) Net mWh Not Generated due to Partial Scheduled Outages	0	0
(D2) Scheduled Derates: percent of Period Hrs	0.00	0.00
(E1) Net mWh Not Generated due to Full Forced Outages	0	82,048
(E1) Forced Outages: percent of Period Hrs	0.00	10.27
(E2) Net mWh Not Generated due to Partial Forced Outages	0	0
(E2) Forced Derates: percent of Period Hrs	0.00	0.00
(F) Net mWh Not Generated due to Economic Dispatch	10,122	74,371
(F) Economic Dispatch: percent of Period Hrs	1.27	9.31
(G) Net mWh Possible in Period	799,200	799,200
(H) Equivalent Availability	0.00	89.73
(I) Output Factor (%)	0.00	93.18
(J) Heat Rate (BTU/NkWh)	0	9,138

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

**Exhibit B
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**April 2009
Marshall Steam Station**

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	658	660
(B) Period Hrs	720	720	720	720
(C1) Net Generation (mWh)	121,656	112,830	452,954	123,595
(D) Net mWh Possible in Period	273,600	273,600	473,760	475,200
(E) Equivalent Availability	95.93	99.90	99.84	32.02
(F) Output Factor (%)	71.19	71.96	95.61	81.23
(G) Capacity Factor	44.46	41.24	95.61	26.01

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

**Exhibit B
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**April 2009
Cliffside Steam Station**

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	720
(C1) Net Generation (mWh)	300,638
(D) Net mWh Possible in Period	404,640
(E) Equivalent Availability	98.51
(F) Output Factor (%)	81.65
(G) Capacity Factor	74.30

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
May, 2008 - April, 2009
Oconee Nuclear Station

	UNIT 1		UNIT 2		UNIT 3	
(A) MDC (MW)	846		846		846	
(B) Period Hours	8760		8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	6828526	92.14	6439271	86.89	7422385	100.15
(D1) Net MWH Not Gen Due To Full Scheduled Outages	187804	2.53	873115	11.78	121892	1.64
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	24053	0.32	20339	0.27	-14619	-0.20
(E1) Net MWH Not Gen Due To Full Forced Outages	458075	6.18	194808	2.63	56597	0.76
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-87498	-1.17	-116573	-1.57	-175295	-2.35
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00	0	0.00
* (G) Core Conservation	0	0.00	0	0.00	0	0.00
(H) Net MWH Possible In Period	7410960	100.00 %	7410960	100.00 %	7410960	100.00 %
(I) Equivalent Availability	90.98		84.94		97.47	
(J) Output Factor	100.94		101.52		102.63	
(K) Heat Rate	10,217		10,161		10,080	

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
May, 2008 - April, 2009
McGuire Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1100		1100	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8341276	86.56	10058108	104.38
(D1) Net MWH Not Gen Due To Full Scheduled Outages	897600	9.32	0	0.00
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	36740	0.38	686	0.01
(E1) Net MWH Not Gen Due To Full Forced Outages	611270	6.34	0	0.00
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-250886	-2.60	-422794	-4.39
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9636000	100.00 %	9636000	100.00 %
(I) Equivalent Availability		83.69		99.99
(J) Output Factor		102.63		104.38
(K) Heat Rate		10,224		10,126

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

DUKE ENERGY CAROLINAS
BASE LOAD POWER PLANT PERFORMANCE REVIEW PLAN
May, 2008 - April, 2009
Catawba Nuclear Station

	UNIT 1		UNIT 2	
(A) MDC (MW)	1129		1129	
(B) Period Hours	8760		8760	
(C1) Net Gen (MWH) and Capacity Factor	8741241	88.38	8912529	90.12
(D1) Net MWH Not Gen Due To Full Scheduled Outages	1221860	12.35	1113149	11.26
* (D2) Net MWH Not Gen Due To Partial Scheduled Outages	46643	0.47	43320	0.44
(E1) Net MWH Not Gen Due To Full Forced Outages	103100	1.04	45702	0.46
* (E2) Net MWH Not Gen Due To Partial Forced Outages	-222804	-2.24	-224660	-2.28
* (F) Net MWH Not Gen Due To Economic Dispatch	0	0.00	0	0.00
* (G) Core Conversion	0	0.00	0	0.00
(H) Net MWH Possible In Period	9890040	100.00 %	9890040	100.00 %
(I) Equivalent Availability		86.17		87.91
(J) Output Factor		102.06		102.08
(K) Heat Rate		10,039		10,025

*Estimate

FOOTNOTE: D1 and E1 Include Ramping Losses

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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**May 2008 through April 2009
Belews Creek Steam Station**

	<u>Unit 1</u>	<u>Unit 2</u>
(A) MDC (mw)	1,120	1,120
(B) Period Hrs	8,760	8,760
(C1) Net Generation (mWh)	8,077,247	8,020,836
(C1) Capacity Factor	82.30	81.72
(D1) Net mWh Not Generated due to Full Scheduled Outages	1,110,389	288,451
(D1) Scheduled Outages: percent of Period Hrs	11.31	2.94
(D2) Net mWh Not Generated due to Partial Scheduled Outages	41,787	21,836
(D2) Scheduled Derates: percent of Period Hrs	0.43	0.22
(E1) Net mWh Not Generated due to Full Forced Outages	39,588	727,862
(E1) Forced Outages: percent of Period Hrs	0.40	7.42
(E2) Net mWh Not Generated due to Partial Forced Outages	47,880	38,307
(E2) Forced Derates: percent of Period Hrs	0.49	0.39
(F) Net mWh Not Generated due to Economic Dispatch	497,959	717,558
(F) Economic Dispatch: percent of Period Hrs	5.07	7.31
(G) Net mWh Possible in Period	9,815,400	9,815,400
(H) Equivalent Availability	87.28	89.03
(I) Output Factor (%)	93.22	91.45
(J) Heat Rate (BTU/NkWh)	9,285	9,197

*Estimated

Footnote: (J) Includes Light Off BTU's

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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May 2008 through April 2009

Marshall Steam Station

	Marshall 1	Marshall 2	Marshall 3	Marshall 4
(A) MDC (mWh)	380	380	659	660
(B) Period Hrs	8,760	8,760	8,760	8,760
(C1) Net Generation (mWh)	2,458,410	2,182,604	3,702,633	4,232,840
(D) Net mWh Possible in Period	3,332,520	3,332,520	5,773,008	5,789,040
(E) Equivalent Availability	94.97	92.02	70.63	82.85
(F) Output Factor (%)	82.95	80.00	90.39	87.97
(G) Capacity Factor	73.85	65.57	64.24	73.21

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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May 2008 through April 2009

Cliffside Steam Station

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	8,760
(C1) Net Generation (mWh)	3,505,184
(D) Net mWh Possible in Period	4,923,120
(E) Equivalent Availability	89.15
(F) Output Factor (%)	84.24
(G) Capacity Factor	71.20

DUKE ENERGY CAROLINAS
Outages for 100MW or Larger Units
April, 2009

Full Outage Hours					
	<u>Unit</u>	<u>MW</u>	<u>Scheduled</u>	<u>Unscheduled</u>	<u>Total</u>
Oconee	1	846	0.00	0.00	0.00
	2	846	0.00	0.00	0.00
	3	846	144.08	0.00	144.08
McGuire	1	1100	0.00	0.00	0.00
	2	1100	0.00	0.00	0.00
Catawba	1	1129	0.00	0.00	0.00
	2	1129	391.03	40.48	431.51

Duke Energy Carolinas
Outages for 100 mW or Larger Units
April 2009

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Unit Name	Capacity Rating (mW)	Full Outage Hours		Total Outage Hours
		Scheduled	Unscheduled	
Allen 1	165	6.00	0.00	6.00
Allen 2	165	3.50	0.00	3.50
Allen 3	265	50.42	0.00	50.42
Allen 4	280	334.12	1.33	335.45
Allen 5	270	6.50	25.70	32.20
Belews Creek 1	1,110	720.00	0.00	720.00
Belews Creek 2	1,110	0.00	73.92	73.92
Buck 5	128	0.00	0.00	0.00
Buck 6	128	0.00	0.00	0.00
Cliffside 5	562	4.75	0.00	4.75
Dan River 3	142	107.00	0.00	107.00
Lee 1	100	0.00	0.00	0.00
Lee 2	100	180.50	0.00	180.50
Lee 3	170	27.75	0.00	27.75
Marshall 1	380	28.10	0.00	28.10
Marshall 2	380	0.00	0.00	0.00
Marshall 3	658	0.00	0.00	0.00
Marshall 4	660	489.45	0.00	489.45
Riverbend 6	133	106.00	0.00	106.00
Riverbend 7	133	27.00	0.00	27.00
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	0.00	0.00
Rockingham CT3	165	369.92	0.00	369.92
Rockingham CT4	165	6.48	0.00	6.48
Rockingham CT5	165	209.75	0.00	209.75

(SC -- Monthly Fuel Cover letter)

For March 2009, the appropriate schedules have been revised to reflect changes to events at Cliffside.

List of Revisions:

(included with April 2009 Monthly Fuel Filing)

Mar09

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(SC)

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**Duke Energy Carolinas
Power Plant Performance Data
Twelve Month Summary**

April 2008 through March 2009

Steam Units

Unit Name	Net Generation (mWh)	Capacity Rating (mW)	Capacity Factor (%)	Equivalent Availability (%)
Cliffside 5	3,354,420	562	68.14	84.36
Marshall 1	2,591,597	380	77.85	95.09
Marshall 2	2,108,775	380	63.35	85.41
Marshall 3	3,721,442	658	64.56	70.60
Marshall 4	4,390,596	660	75.94	85.13

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

**REVISED
Exhibit B
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**March 2009
Cliffside Steam Station**

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	743
(C1) Net Generation (mWh)	73,583
(D) Net mWh Possible in Period	417,566
(E) Equivalent Availability	21.25
(F) Output Factor (%)	65.45
(G) Capacity Factor	17.60

**Duke Energy Carolinas
Base Load Power Plant
Performance Review Plan**

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April 2008 through March 2009
Cliffside Steam Station

Cliffside 5

(A) MDC (mWh)	562
(B) Period Hrs	8,760
(C1) Net Generation (mWh)	3,354,420
(D) Net mWh Possible in Period	4,923,120
(E) Equivalent Availability	84.36
(F) Output Factor (%)	84.73
(G) Capacity Factor	68.14

Duke Energy Carolinas
Outages for 100 mW or Larger Units
March 2009

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Unit Name	Capacity Rating (mW)	Full Outage Hours		Total Outage Hours
		Scheduled	Unscheduled	
Allen 1	165	52.50	0.00	52.50
Allen 2	165	39.08	0.00	39.08
Allen 3	265	0.00	0.00	0.00
Allen 4	280	79.25	0.00	79.25
Allen 5	270	262.07	42.47	304.53
Belews Creek 1	1,110	271.05	0.00	271.05
Belews Creek 2	1,110	175.93	0.00	175.93
Buck 5	128	0.00	0.00	0.00
Buck 6	128	0.00	0.00	0.00
Cliffside 5	562	461.17	81.78	542.95
Dan River 3	142	45.67	0.00	45.67
Lee 1	100	0.00	0.00	0.00
Lee 2	100	0.00	0.00	0.00
Lee 3	170	21.50	0.00	21.50
Marshall 1	380	0.00	61.20	61.20
Marshall 2	380	53.67	0.00	53.67
Marshall 3	658	0.00	24.83	24.83
Marshall 4	660	0.00	44.67	44.67
Riverbend 6	133	31.00	0.00	31.00
Riverbend 7	133	9.75	2.20	11.95
Rockingham CT1	165	0.00	0.00	0.00
Rockingham CT2	165	0.00	0.00	0.00
Rockingham CT3	165	0.00	0.00	0.00
Rockingham CT4	165	0.00	0.00	0.00
Rockingham CT5	165	0.00	0.00	0.00